

ABSTRACT

An apparatus is provided for the drilling of a borehole and its simultaneous lining with cement or the like by the same apparatus. The apparatus comprises a combination spray head and reamer head, a means to drive the reamer head through a borehole and a means for delivering cement to the spray head. Cement is fed to a rotatable spray disc or arm of the spray head, which is arranged to distribute the cement substantially evenly over the internal surface of the borehole created by the reamer head. The apparatus uses lined drill rods, as well as a lined reamer core with a double walled plastic tube. An air transfer assembly is used to connect an internal air source to an air passage contained in the plastic tube, such that the external air source remains stationary during rotation of the lined drill rods and attached reamer and spray heads.